di-tert-butyl peroxide

IDENTIFICATION NUMBERS

- **CAS:** 110-05-4
- **EC/EINECS:** 203-733-6
- **International Chemical Safety Card (ICSC):** 1019

MORE INFORMATION

- **Molecular Formula:** C8H18O2

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS02

Flammable gases



GHS08

Respiratory sensitisation

Signal word: **Danger**

H Phrases

H242 : Heating may cause a fire

Org. Perox. (Cat. E) : Organic peroxide

H225 : Highly flammable liquid and vapour

Flam. Liq. (Cat. 2) : Flammable liquid

H341 : Suspected of causing genetic defects

Muta. (Cat. 2) : Germ cell mutagenicity

Specific health risks

Carcinogens and mutagens (Regulation 1272/2008)

Substances classified as carcinogenic or mutagenic under Regulation 1272/2008

Restriction/prohibition regulations

Substances under CoRAP evaluation

Substances included in the Community Rolling Action Plan (CoRAP) of the REACH Regulation. These are substances selected for evaluation by EU Member States due to indications of risk to human health or the environment, with the aim of clarifying whether regulatory action is warranted.

YEAR	MEMBER STATE
2016	the Netherlands

INITIAL GROUNDS FOR CONCERN

Human health/CMR; Exposure/Wide dispersive use; Consumer use; Aggregated tonnage

Major accident hazards (Seveso)

Hazardous substances listed in Annex I of the Seveso III Directive (Directive 2012/18/EU), transposed in Spain by Royal Decree 840/2015. Their presence in industrial establishments in quantities equal to or above established thresholds triggers obligations to implement major accident risk control measures.

Substances under PACT evaluation

Substances under active regulatory monitoring through ECHA's PACT (Public Activities Coordination Tool). Allows tracking which regulatory authorities are examining a substance and what potential regulatory actions are being considered (restriction, SVHC identification, harmonised classification, etc.).